

Table 1. Explanation of database terms and abbreviations used to code sampling environment.

Descriptive Field	Term or Abbreviation	Explanation
Flow Type	seep-mine	Sample was collected from underground mine
	seep-cave	Sample was collected from inside a cave
	spring	Sample was collected from a flowing spring
	streamflow	Sample was collected from a river or stream
	tailings pond	Sample was collected from a mine-tailings pond
	waste	Sample was collected from an industrial-waste stream
	well	Sample was pumped from a well
Ore/Background	ORE	Has been in contact with ore
	ANTHRO	Has been contaminated by anthropogenic activities
	PPT	Rainfall or precipitation
	BKG	No contact with weathered ore or anthropogenic contamination
Saturation State	ART	Artesian condition
	SAT GW	Ground water is saturated (no air spaces)
	UNSAT GW	Ground water is unsaturated, either because a) it is above the water table, or b) it is in the dewatered zone caused by pumping
	SW	Surface water; river, stream, pond, or spring
Contamination	uncontaminated	no known contamination from human activities
	Industrial	all or part of source from industrial wastewater
	Mine	contaminated by mining activities
	Sewage	contaminated by sewage
	Tailings	contaminated by contact with mine tailings
	Drainage	all or part of source from mine dewatering
	Fly Ash	contaminated by contact with fly ash from coal-burning power plant